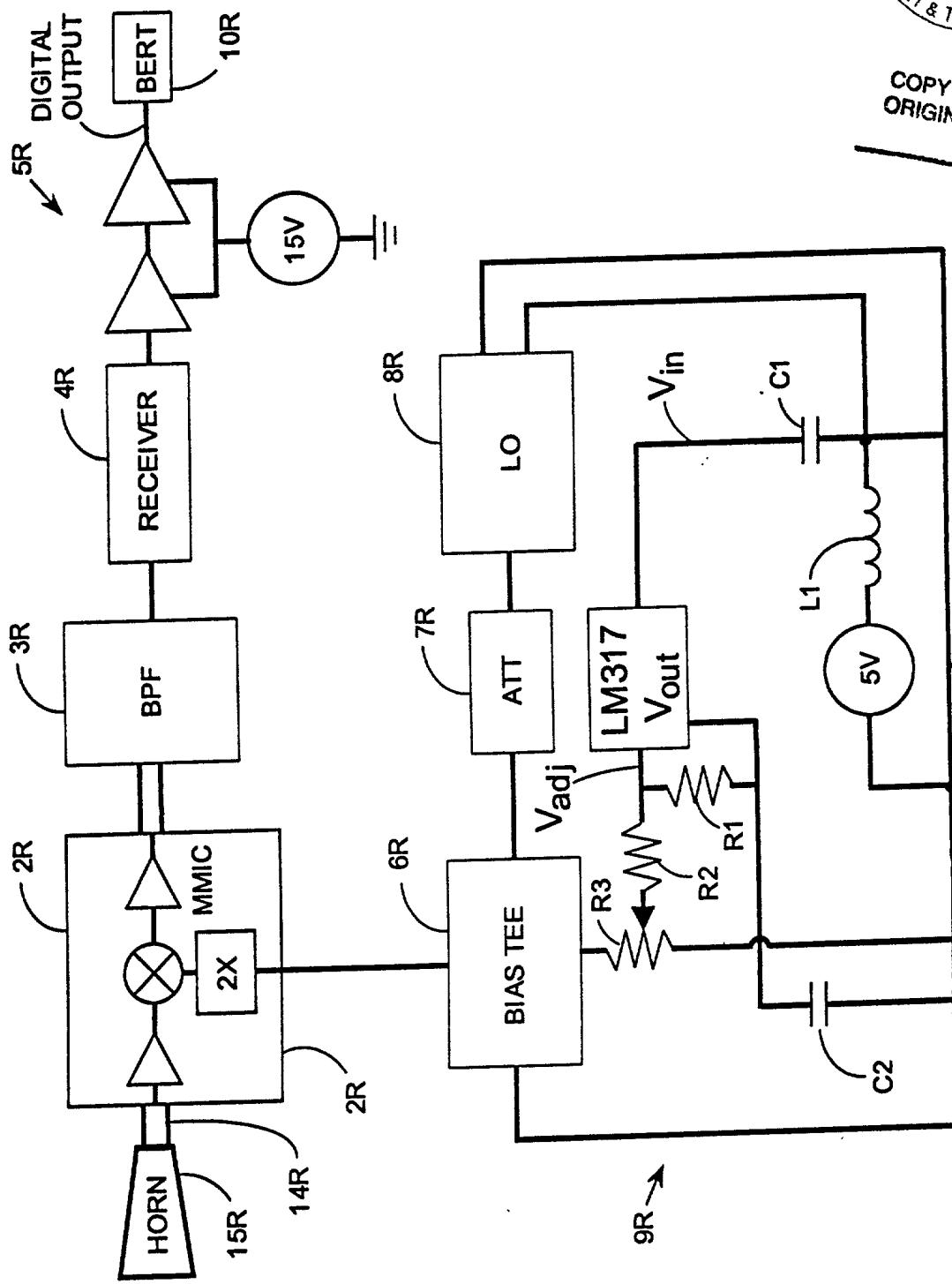


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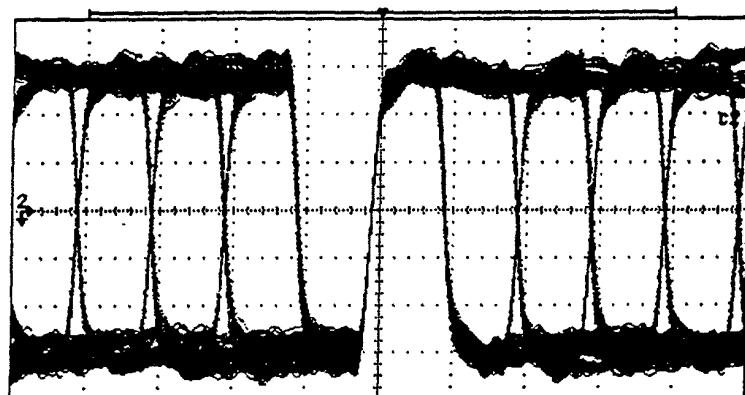
FIG. 1



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FIG. 2



-24,000 ns 1,000 ns 26,000 ns

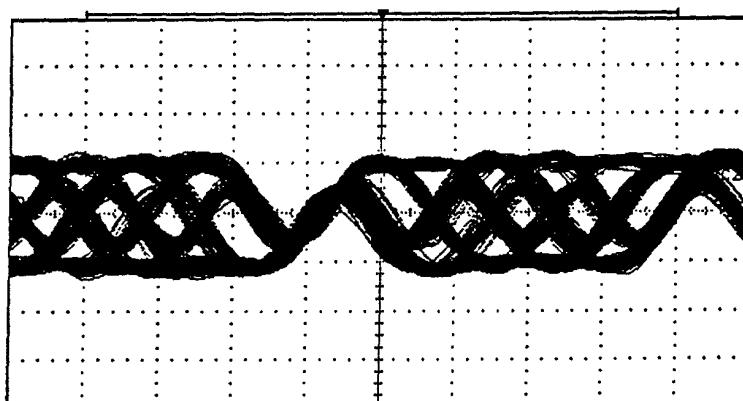
5.00 ns/div Real time

2 200 mV/

0.00000 V

RECEIVER SIGNAL FROM BERT 200

FIG. 3



-4.000 ns 1.000 ns 6.000 ns

1.00 ns/div Real time

2 500 mV/

0.00000 V

RECEIVER SIGNAL FROM BERT 200

FIG. 4

TRANSMITTER (STATION A)

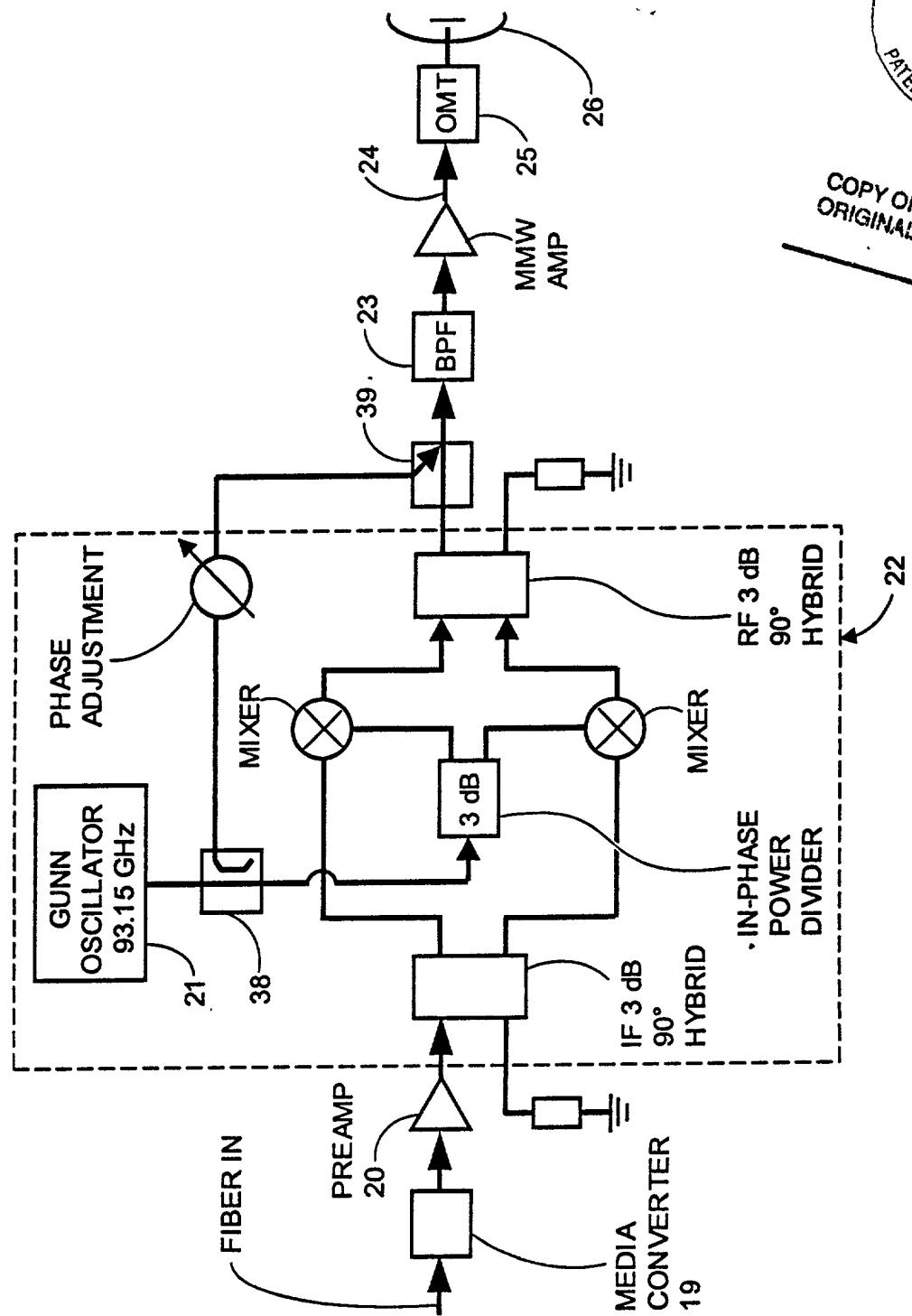


FIG. 5A



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RECEIVER (STATION A)

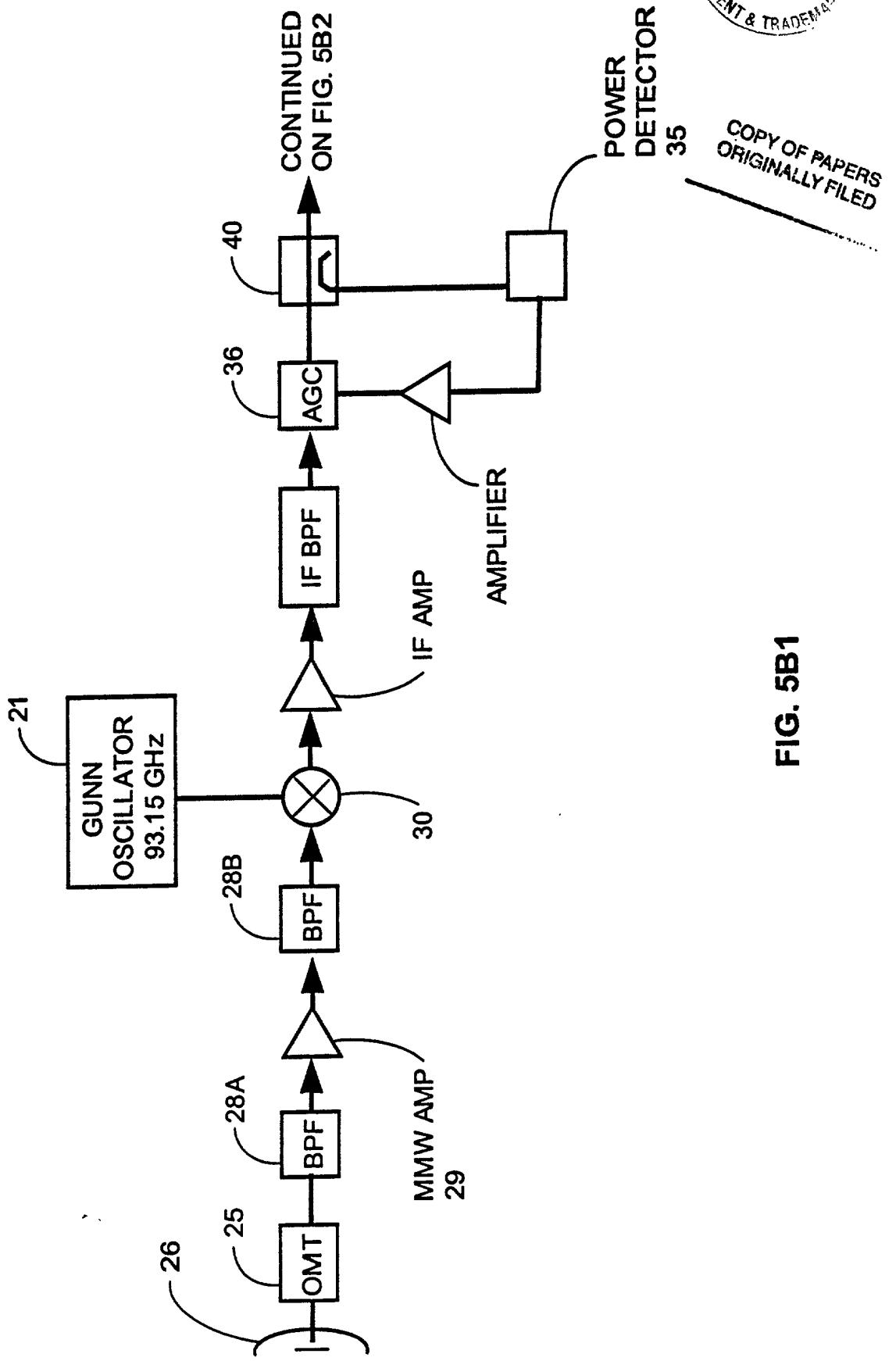
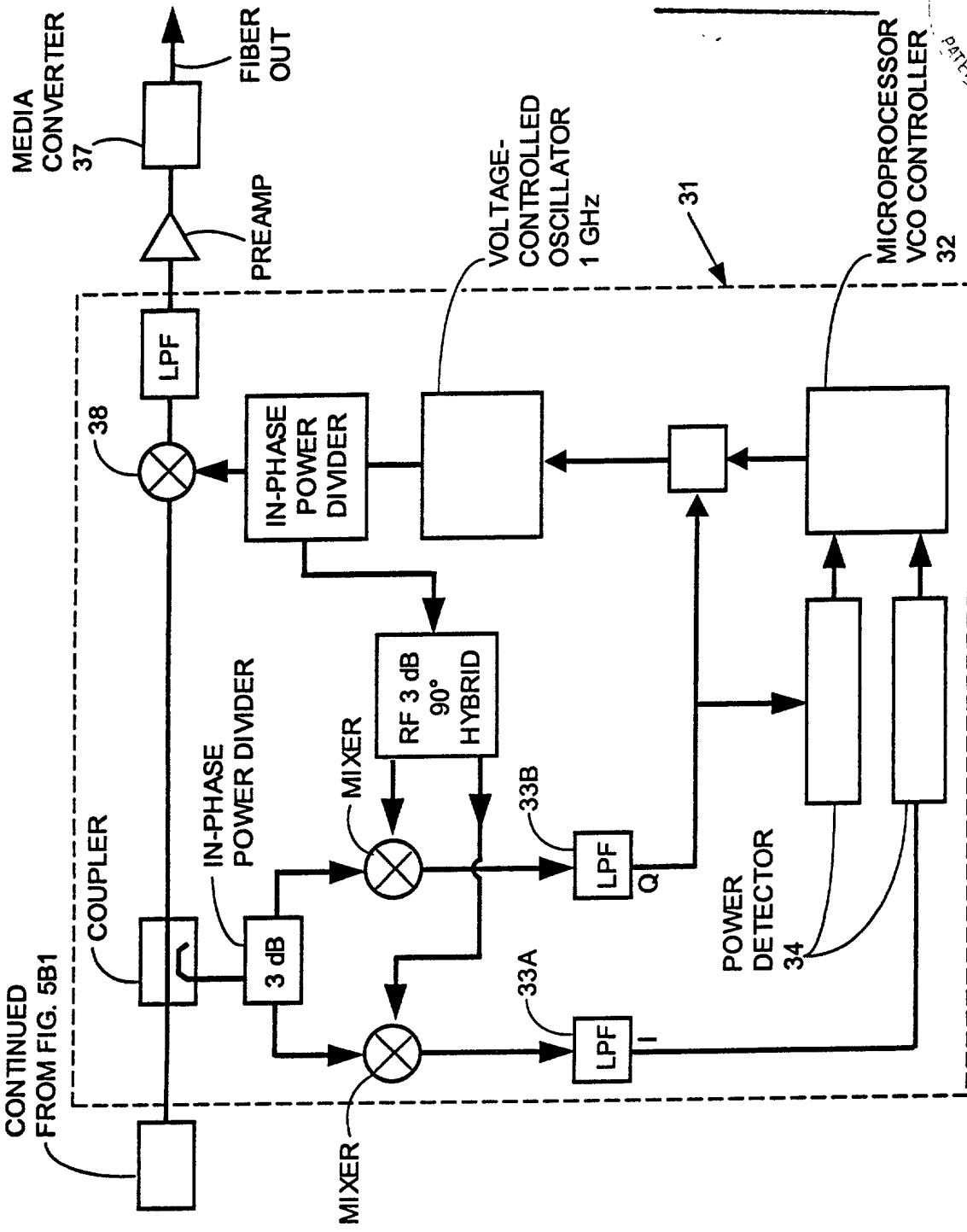


FIG. 5B1

CONTINUED
FROM FIG. 5B1



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FIG. 5B2

TRANSMITTER (STATION B)

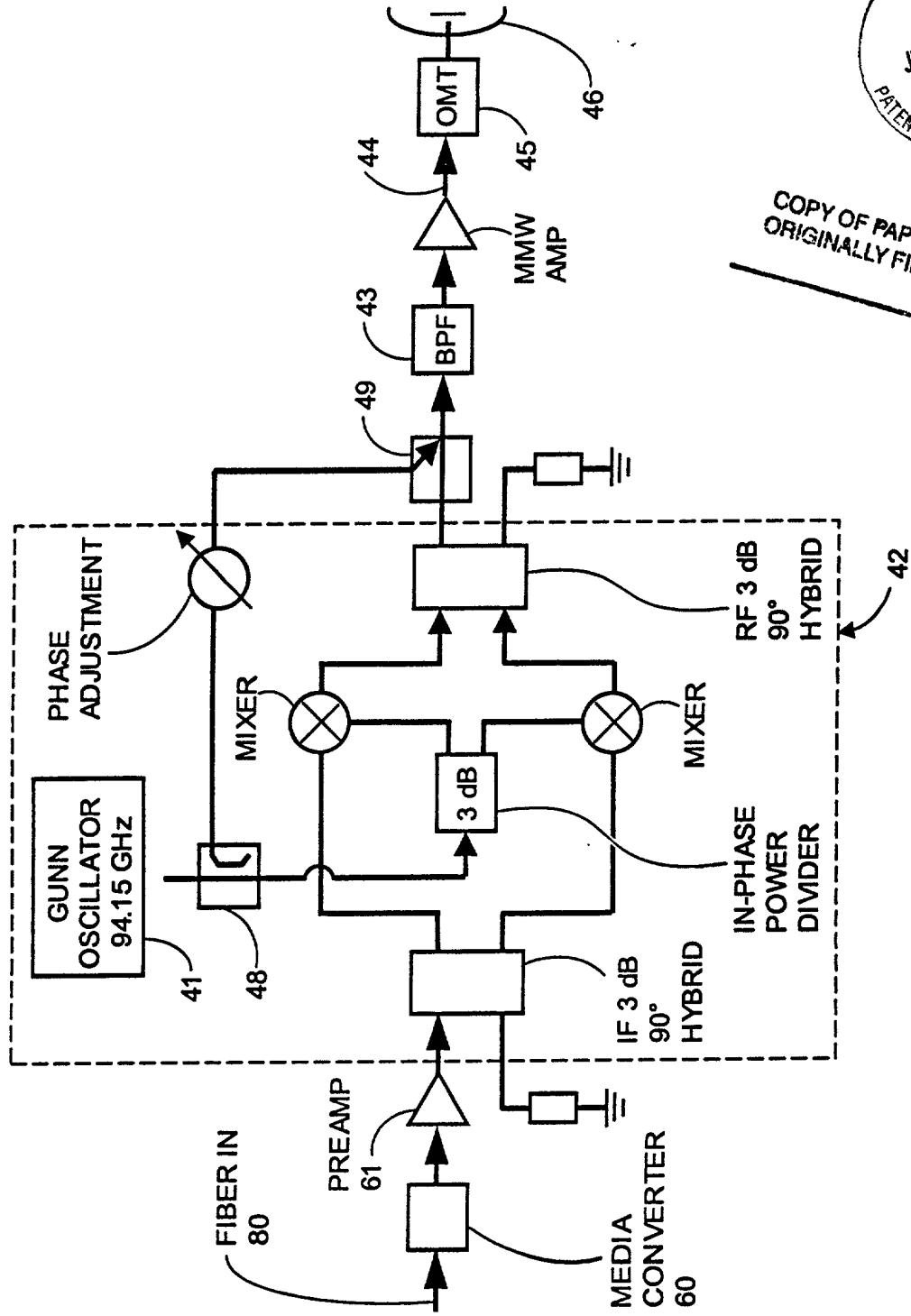


FIG. 6A



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RECEIVER (STATION B)

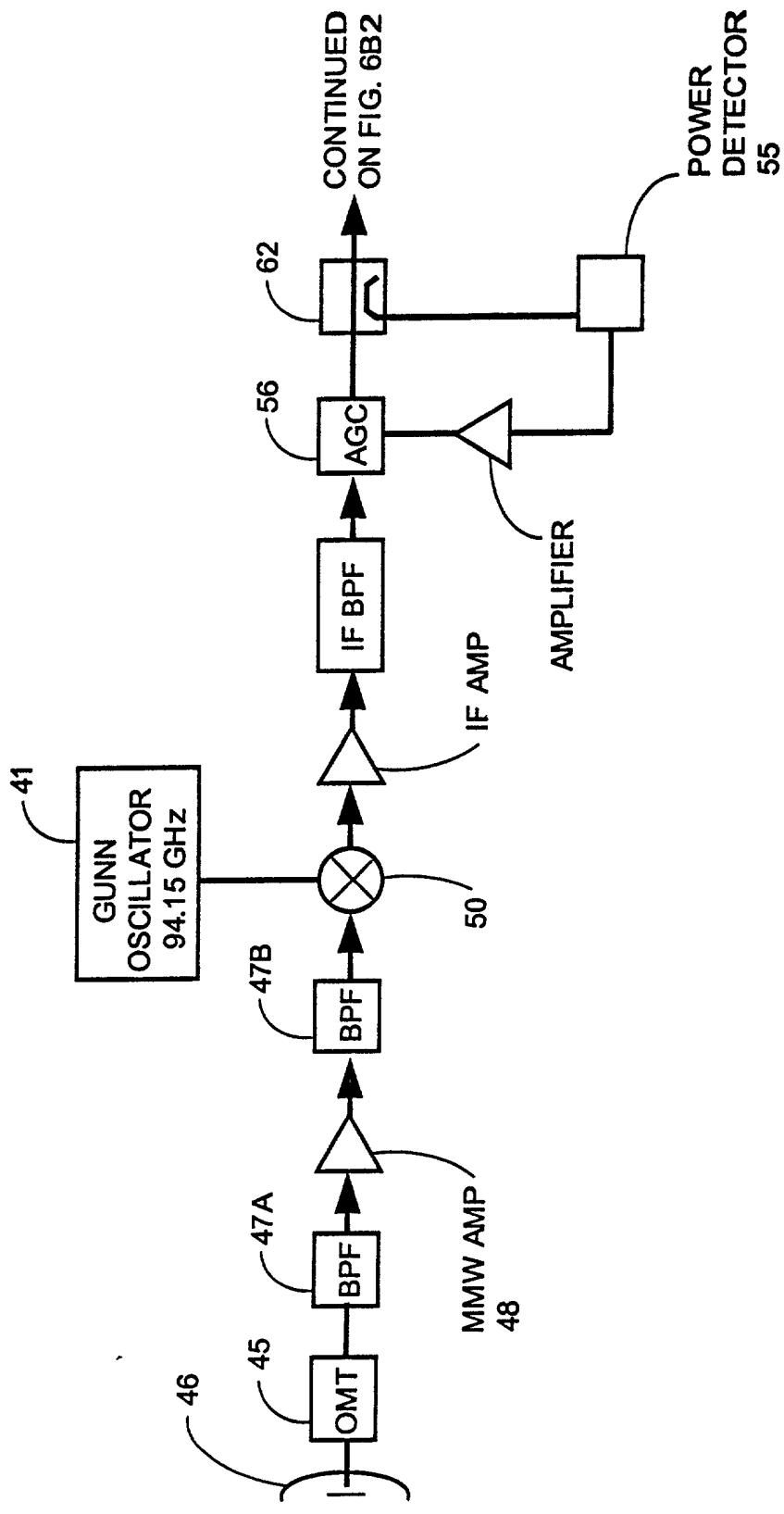
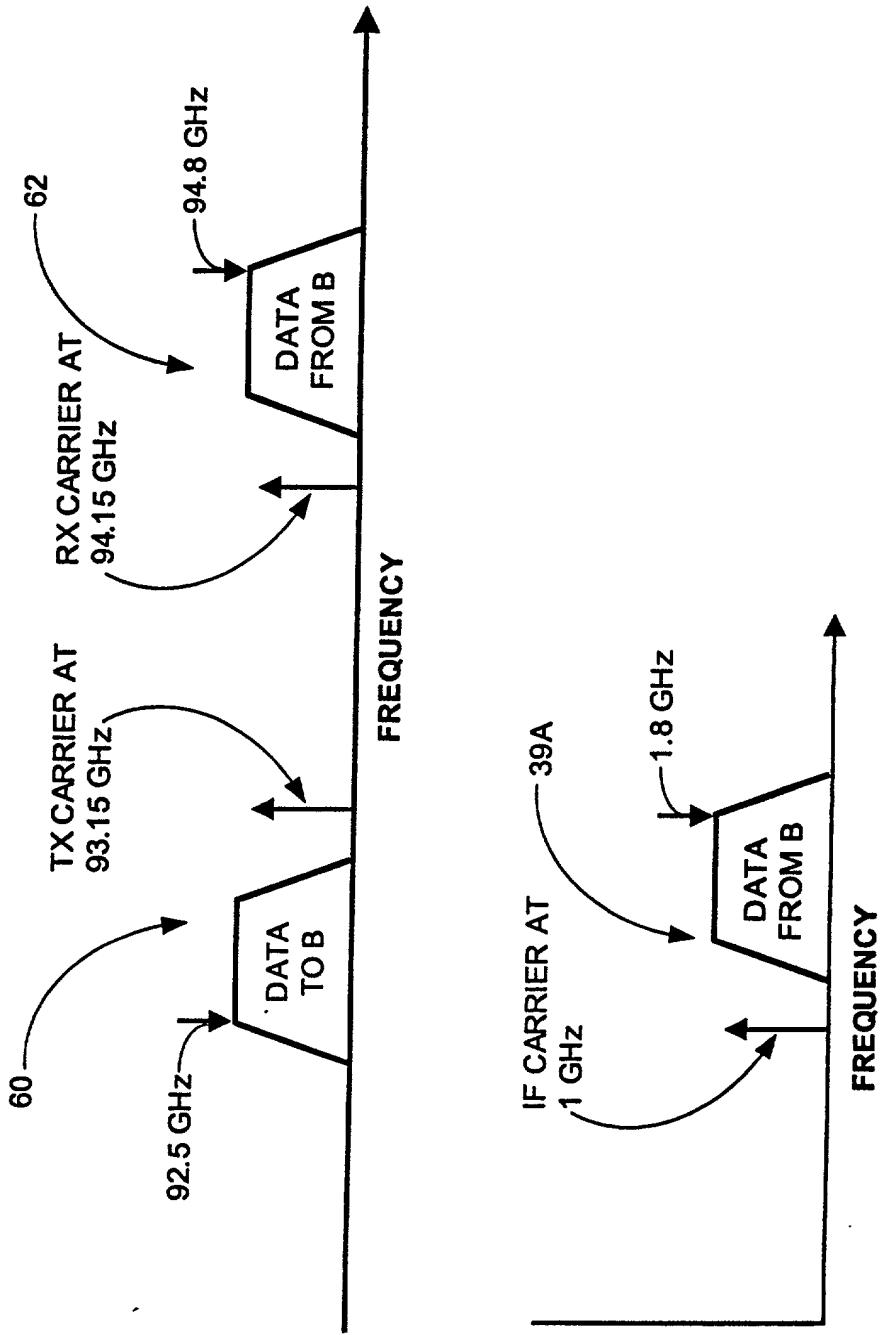


FIG. 6B1



SPECTRUM PLANNING DIAGRAMS
(STATION A)



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FIG. 7A

**SPECTRUM PLANNING DIAGRAMS
(STATION B)**

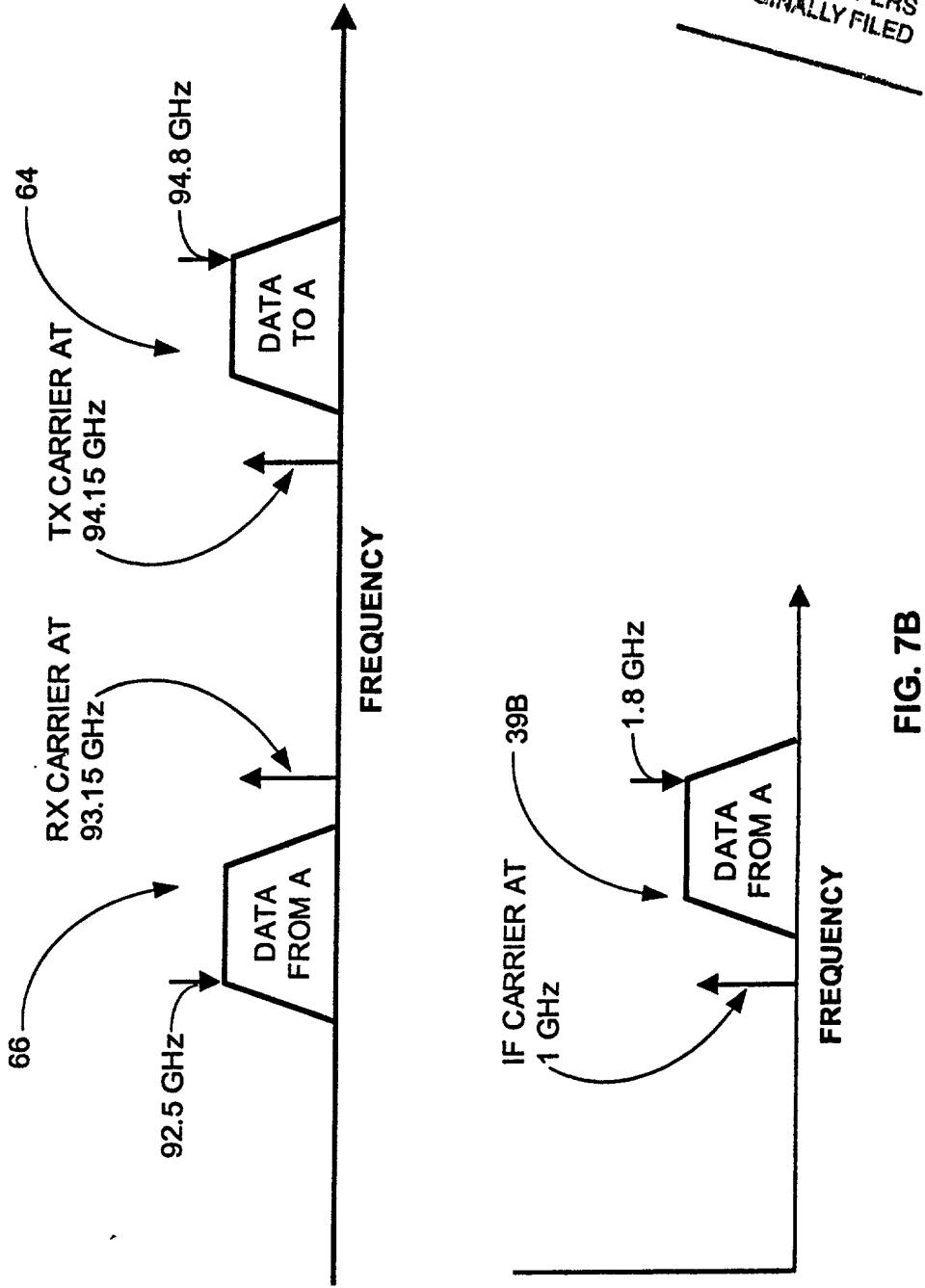


FIG. 7B

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A map of the western coast of Maui, showing various communication facilities. The facilities are represented by rectangular boxes with a cross-hatched antenna on top. Lines connect these boxes to specific locations on the coast. The facilities are labeled as follows:

- COMMUNICATION FACILITY 70**: Located at the bottom right, connected to a point on the coast.
- COMMUNICATION COMPANY CENTRAL OFFICE 71**: Located in the middle right, connected to a point on the coast.
- TECHNOLOGY PARK 72**: Located in the middle left, connected to a point on the coast.
- HOTELS**: Located at the top right, connected to a point on the coast.

Angular measurements are indicated at several points:

- Angle **79** is shown between the line from the **TECHNOLOGY PARK** facility and the line from the **HOTELS** facility to the coast.
- Angle **76** is shown between the line from the **TECHNOLOGY PARK** facility and the line from the **COMMUNICATION COMPANY CENTRAL OFFICE** facility to the coast.
- Angle **80** is shown between the line from the **TECHNOLOGY PARK** facility and the line from the **COMMUNICATION FACILITY** facility to the coast.
- Angle **47°** is shown between the line from the **COMMUNICATION FACILITY** facility and the line from the **COMMUNICATION COMPANY CENTRAL OFFICE** facility to the coast.
- Angle **78** is shown between the line from the **HOTELS** facility and the line from the **COMMUNICATION COMPANY CENTRAL OFFICE** facility to the coast.

The word **MAUI** is written vertically along the left side of the map.

FIG. 8

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760
740

750

FIG. 9A

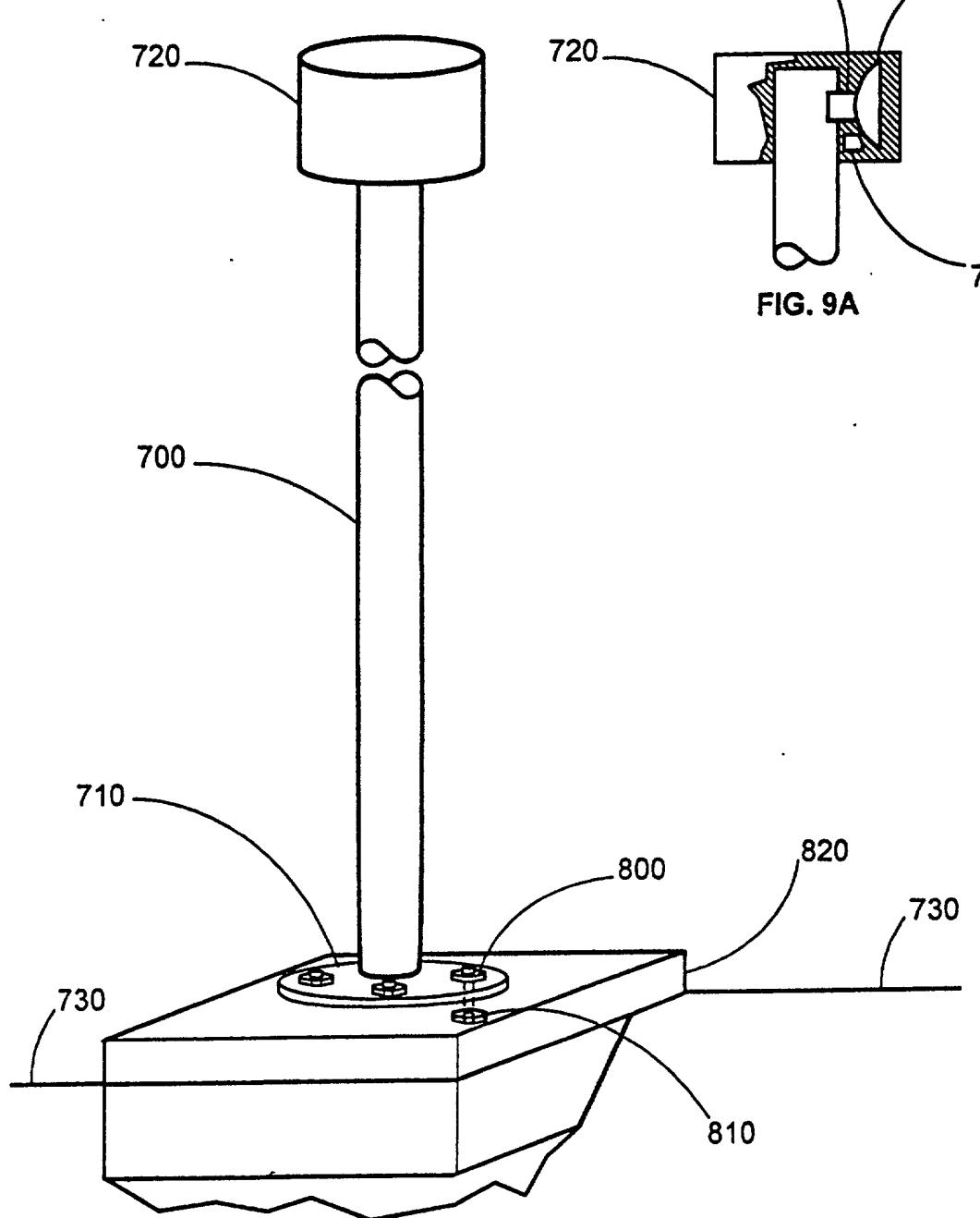
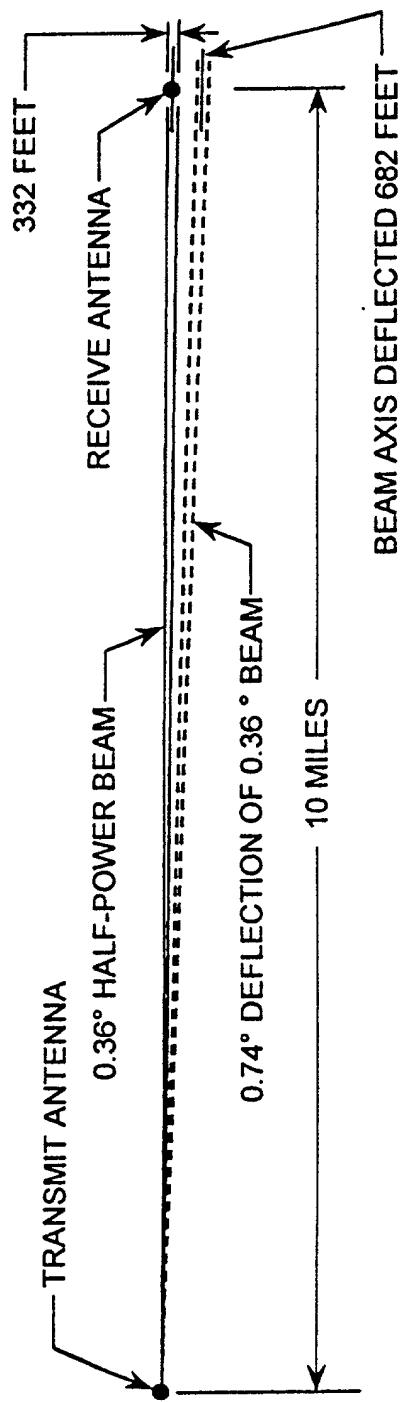


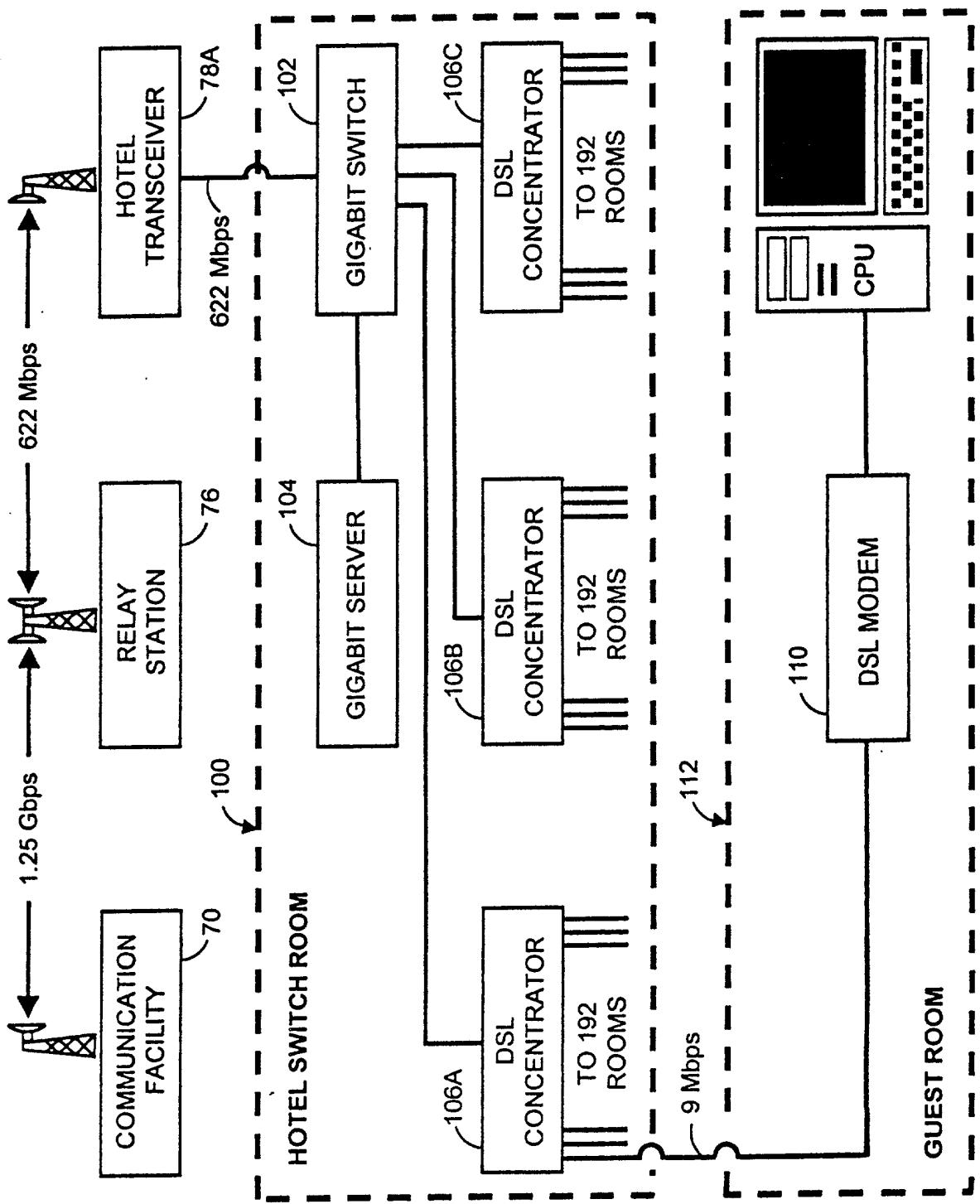
FIG. 9



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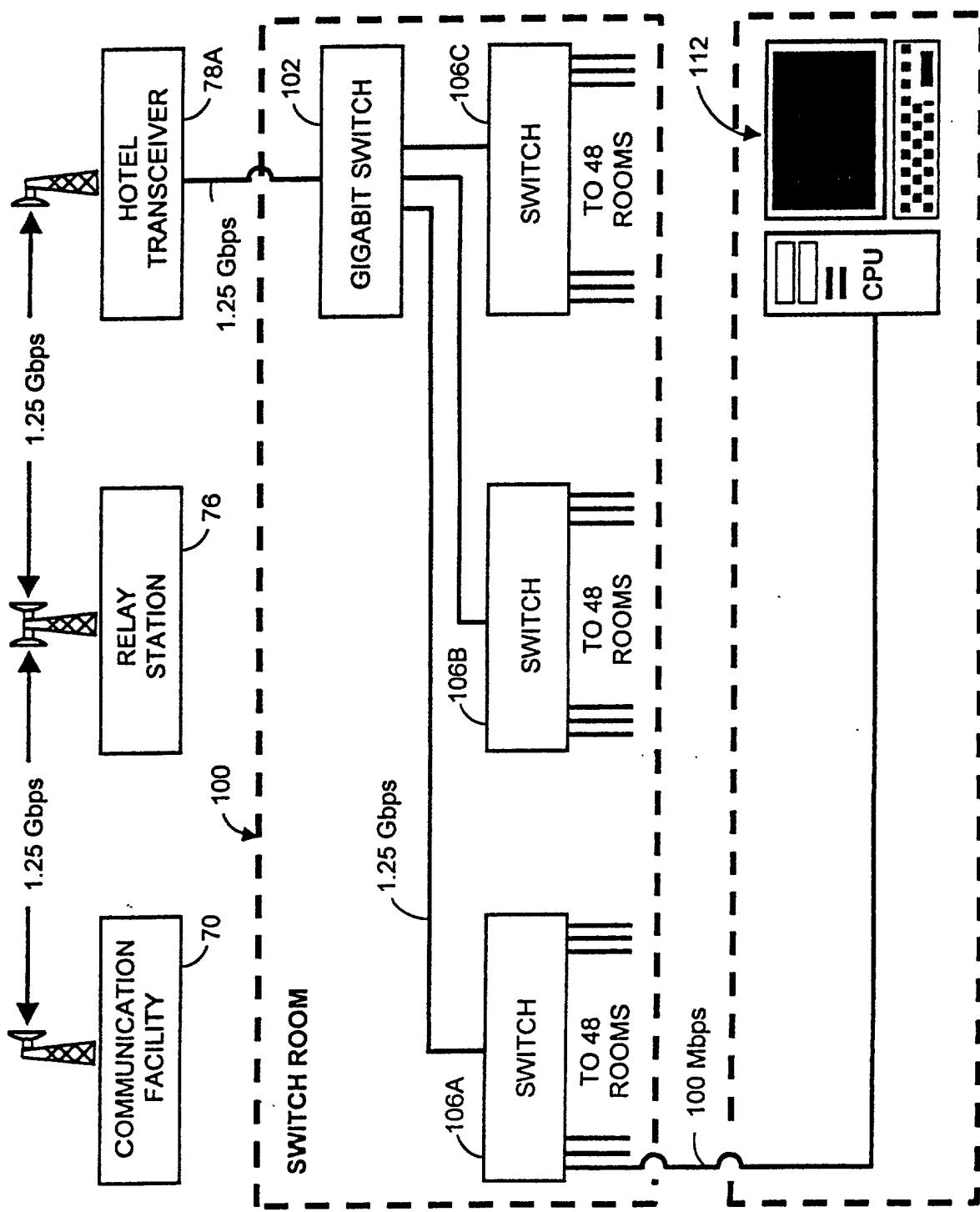
FIG. 10



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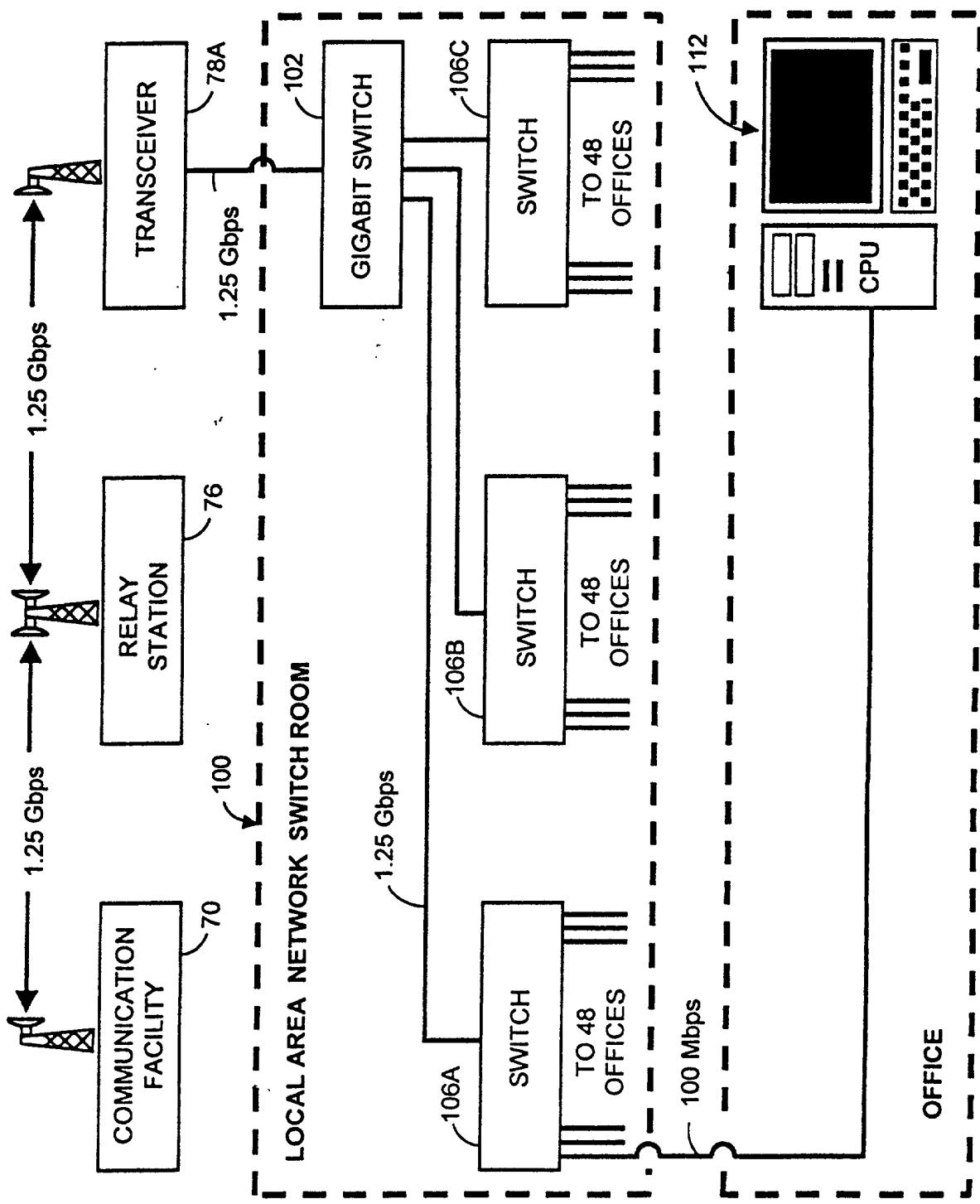
FIG. 11



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FIG. 12



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FIG. 13



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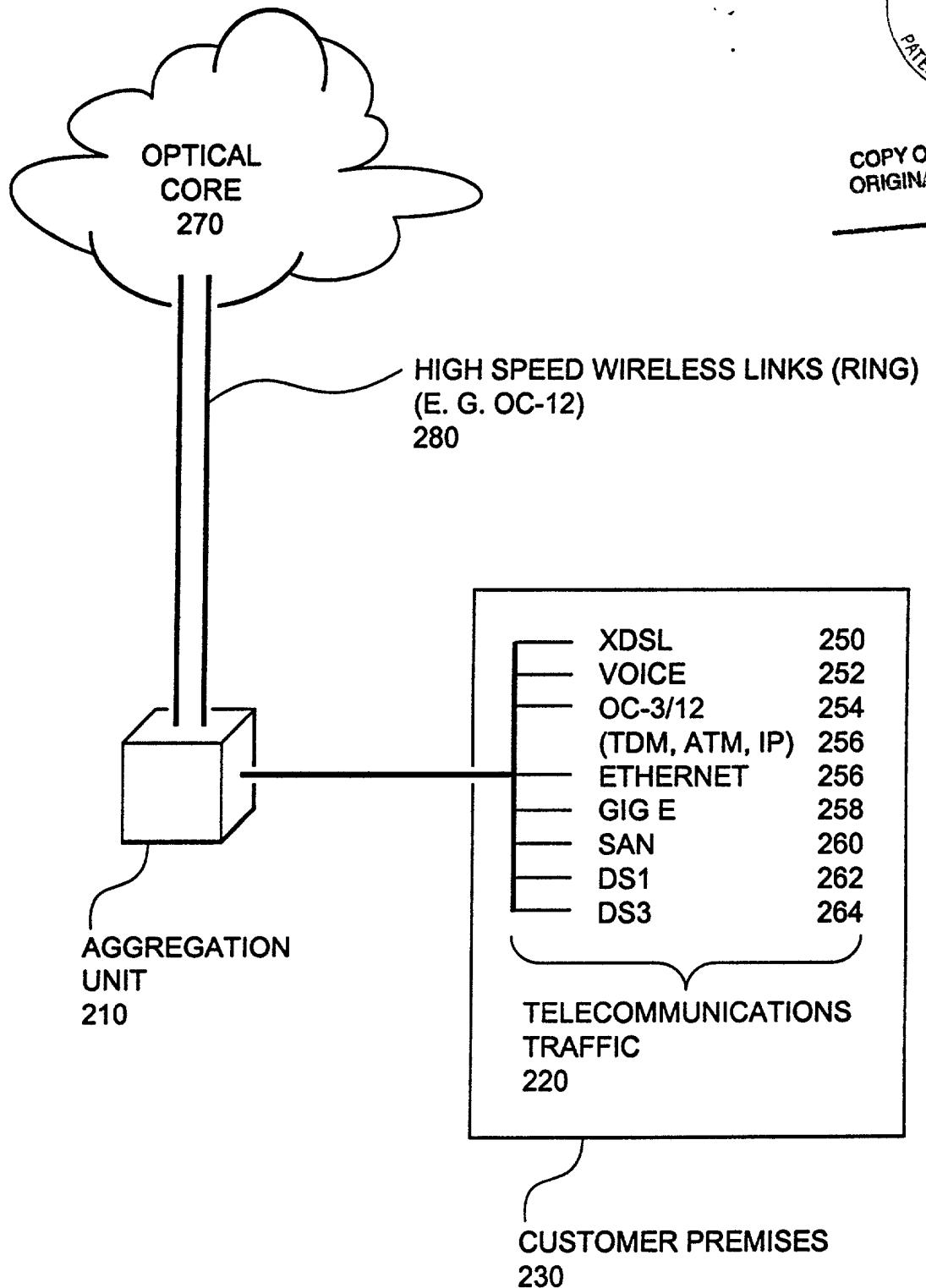


FIG. 14

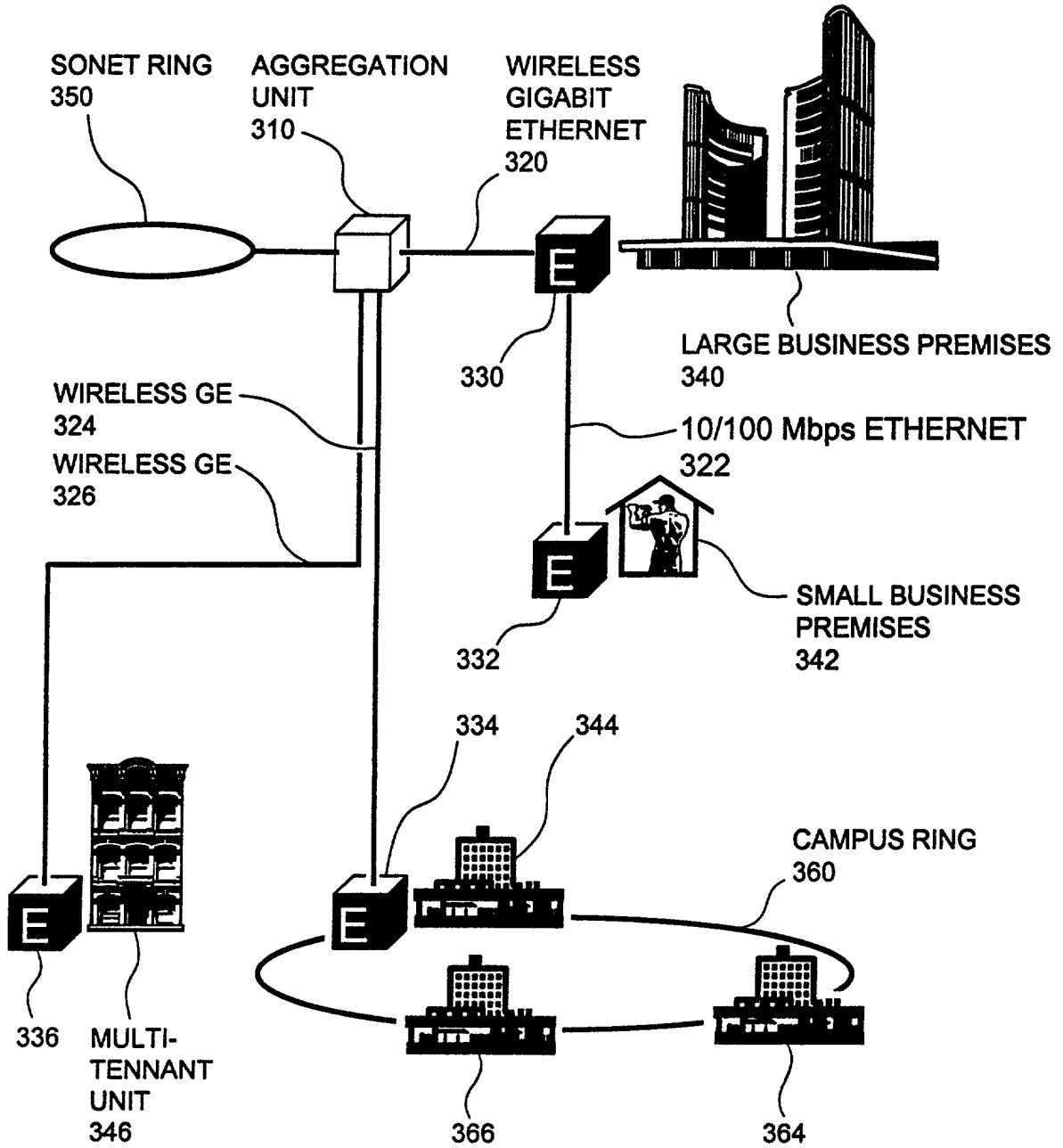


FIG. 15